



FACULTY OF HUMANITIES AND SOCIAL SCIENCES

**SCHOOL OF HISTORY, PHILOSOPHY, POLITICAL SCIENCE AND INTERNATIONAL
RELATIONS**

**PHILOSOPHY PROGRAMME
PHIL 421 FORMAL LOGIC
15 POINTS**

TRIMESTER 1 2016

Key dates

Trimester dates: 29 February to 29 June 2016

Teaching dates: 29 February to 5 June 2016

Easter break: 24–30 March 2016

Mid-trimester break: 25 April to 1 May 2016

Study period: 6–9 June 2016

Examination/Assessment Period: 10–29 June 2016

Note: students who enrol in courses with examinations must be able to attend an examination at the University at any time during the scheduled examination period.

Withdrawal dates: Refer to www.victoria.ac.nz/students/study/withdrawals-refunds.

If you cannot complete an assignment or sit a test in the last three weeks of teaching, or an examination, it may instead be possible to apply for an aegrotat (refer to www.victoria.ac.nz/students/study/exams/aegrotats).

Class times and locations

Lectures: Tuesday 10-11:50am

Venue: Murphy 617

Names and contact details

Course Coordinator: Edwin Mares

Room No: Murphy 618

Phone: 4635234

Email: Edwin.Mares@vuw.ac.nz

Office hours: Monday 1:30-3pm

Communication of additional information

This course uses Blackboard and presumes that all enrolled students have valid myvuw.ac.nz addresses. Please check that this account is active and you have organised email forwarding. Additional information and any changes to the timetable or lecture and tutorial programme will be advised by email, announced in lectures, and posted on the course Blackboard site.

Prescription

This course will be an introduction to standard model and proof theory.

Course learning objectives (CLOs)

Students who pass this course should be able to:

- (1) Prove theorems in the structural and standard proof theories for intuitionist and classical logic.
- (2) Prove metatheorems about structural proof theories for those logics, such as the decidability of classical and intuitionist logic.
- (3) Understand the conceptual differences between the various logics studied in this course.

Teaching format

This course is taught in twelve two-hour interactive lectures. Students are expected to do the homework assigned before lecture and to come with questions and be ready to do or help with the proofs assigned.

Workload

In accordance with University Guidelines, course design assumes students will devote 150 hours to the course throughout the trimester. The 150 hour total includes weekly attendance at lectures, completion of weekly homework, and research and writing for set assessment tasks.

To consider when planning your time:

- Take-home assignments take time to understand and complete. They require careful reading of the book (and attendance at lectures can be very useful as well). Note-taking, planning, drafting and editing the draft are necessary before writing a final version. Begin assignments early.
- Revision and preparation should reflect the fact that the two tests, each worth 20%—combined total 40% of your course mark.
- The final exam includes material from the entire course, so take careful notes in lectures and reread important sections of the text as part of your revision.

Assessment

Assessment items and workload per item		%	CLO(s)	Due date
1	First in-class test	20%	1, 2, 3	5 April
2	First take-home assignment	10%	1, 2, 3	19 April
3	Second in-class test	20%	1, 2, 3	10 May
4	Second take-home assignment	10%	1, 2, 3	31 May
5	Three Hour Final Exam	40%	1, 2, 3	Final Exam Period

Marking criteria: The material in this course is graded in the same way as in other logic courses taught by the Philosophy Programme at Victoria. In proofs, accuracy and the clear application of

rules of inference are rewarded. In the proofs of metatheorems, reasonable choices regarding what information to put in and what to suppress is also rewarded. In answers to conceptual questions both a clear grasp of the issues involved and clear and interesting answers are given good grades.

Submission and return of work

All assignments are due before midnight on the due date.

Submission: Assignments can either be submitted in hard copy at the School Office (MY518) or to me in lecture.

Extensions and penalties

Late submission of **assignments** will **not be accepted** unless the student makes an appointment as soon as practically possible with the course coordinator to explain the lateness (preferably before the assignment is due to be submitted). The circumstances under which an extension will be considered are outlined in section 3.2.1 of the Assessment Handbook.

(See: www.victoria.ac.nz/documents/policy/staff-policy/assessment-handbook.pdf).

Penalties

Philosophy Programme policy stipulates that late submission of essays is penalised. Late essays submitted without extensions having been obtained will receive a penalty of 5 points per day (or part thereof) late. No assignment will be accepted after 15 June 2016.

Set texts

The readings for this course are available on the Blackboard site and from the lecturer.

Class representative

The class representative provides a useful way to communicate feedback to the teaching staff during the course. A class representative will be selected at the first lecture of the course.

Student feedback

Based on student feedback from previous years, we have incorporated more time in lectures devoted to going over homework and are assigning more homework to practice what is learned in lectures.

Student feedback on University courses may be found at www.cad.vuw.ac.nz/feedback/feedback_display.php.

Other important information

The information above is specific to this course. There is other important information that students must familiarise themselves with, including:

- Academic Integrity and Plagiarism: www.victoria.ac.nz/students/study/exams/integrity-plagiarism
- Academic Progress: www.victoria.ac.nz/students/study/progress/academic-progress (including restrictions and non-engagement)
- Dates and deadlines: www.victoria.ac.nz/students/study/dates
- FHSS Student and Academic Services Office: www.victoria.ac.nz/fhss/student-admin
- Grades: www.victoria.ac.nz/students/study/progress/grades
- Special passes: refer to the *Assessment Handbook*, at www.victoria.ac.nz/documents/policy/staff-policy/assessment-handbook.pdf

- Statutes and policies including the Student Conduct Statute: www.victoria.ac.nz/about/governance/strategy
- Student support: www.victoria.ac.nz/students/support
- Students with disabilities: www.victoria.ac.nz/st_services/disability
- Student Charter: www.victoria.ac.nz/learning-teaching/learning-partnerships/student-charter
- Subject Librarians: <http://library.victoria.ac.nz/library-v2/find-your-subject-librarian>
- Terms and conditions: www.victoria.ac.nz/study/apply-enrol/terms-conditions/student-contract
- Turnitin: www.cad.vuw.ac.nz/wiki/index.php/Turnitin
- University structure: www.victoria.ac.nz/about/governance/structure
- Victoria graduate profile: www.victoria.ac.nz/learning-teaching/learning-partnerships/graduate-profile
- VUWSA: www.vuwsa.org.nz